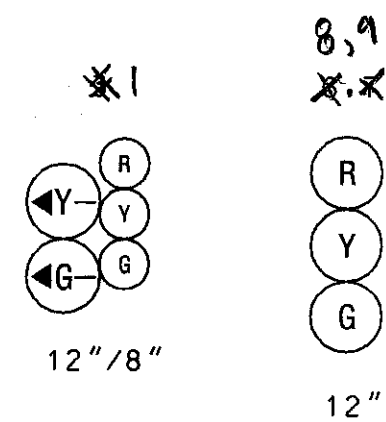
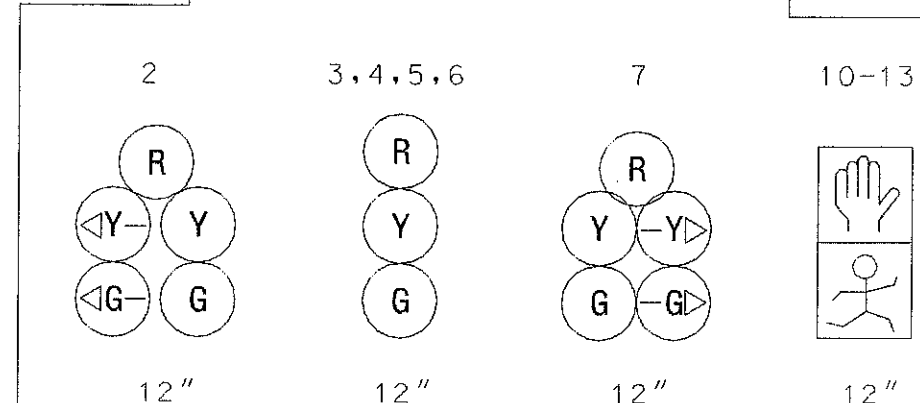


MD 45 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

PROPOSED SIGNALS



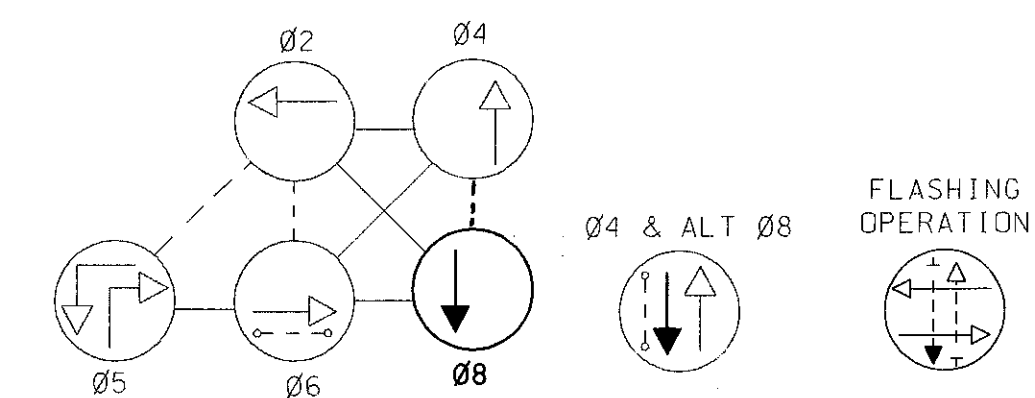
EXISTING SIGNALS



PROPOSED SIGN



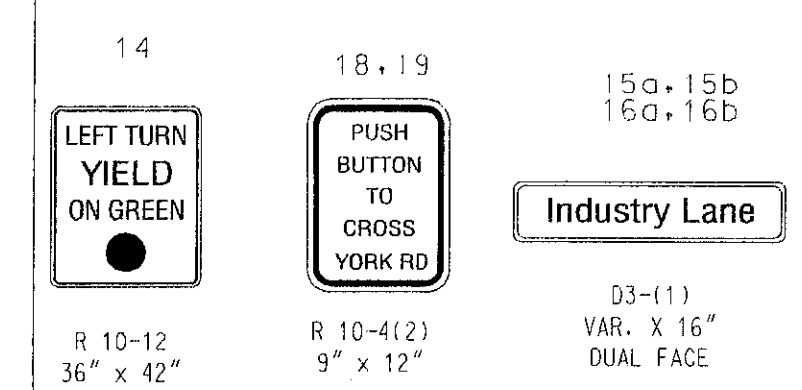
NEMA PHASING



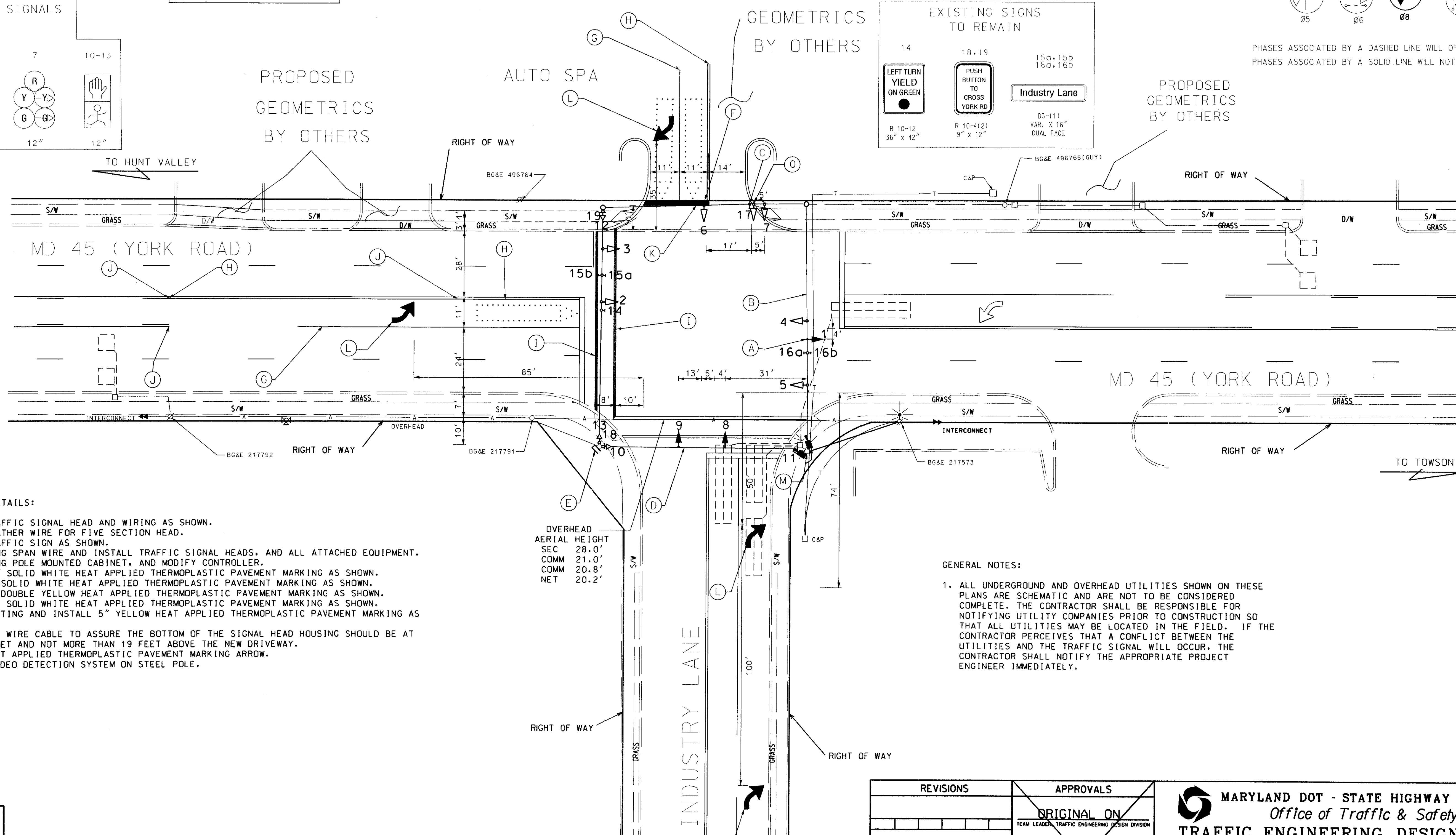
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

PROPOSED GEOMETRICS BY OTHERS

EXISTING SIGNS TO REMAIN



PROPOSED GEOMETRICS BY OTHERS



CONSTRUCTION DETAILS:

- INSTALL TRAFFIC SIGNAL HEAD AND WIRING AS SHOWN.
- INSTALL TEATHER WIRE FOR FIVE SECTION HEAD.
- INSTALL TRAFFIC SIGN AS SHOWN.
- USE EXISTING SPAN WIRE AND INSTALL TRAFFIC SIGNAL HEADS, AND ALL ATTACHED EQUIPMENT.
- USE EXISTING POLE MOUNTED CABINET, AND MODIFY CONTROLLER.
- INSTALL 24" SOLID WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING AS SHOWN.
- INSTALL 5" SOLID WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING AS SHOWN.
- INSTALL 5" DOUBLE YELLOW HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING AS SHOWN.
- INSTALL 12" SOLID WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING AS SHOWN.
- REMOVE EXISTING AND INSTALL 5" YELLOW HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING AS SHOWN.
- ADJUST SPAN WIRE CABLE TO ASSURE THE BOTTOM OF THE SIGNAL HEAD HOUSING SHOULD BE AT LEAST 17 FEET AND NOT MORE THAN 19 FEET ABOVE THE NEW DRIVEWAY.
- INSTALL HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING ARROW.
- INSTALL VIDEO DETECTION SYSTEM ON STEEL POLE.

OVERHEAD
AERIAL HEIGHT
SEC 28.0'
COMM 21.0'
COMM 20.8'
NET 20.2'

GENERAL NOTES:

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

GEOMETRIC LEGEND

--- EXISTING GEOMETRICS
--- PROPOSED GEOMETRICS

UTILITY LEGEND

--- GAS MAIN
--- WATER MAIN
--- SEWER MAIN
--- ELECTRIC CABLES
--- STORM DRAIN
--- AERIAL CABLES
--- TELEPHONE CABLES

REVISIONS		APPROVALS	
		ORIGINAL ON	
		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		FILE WITH	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		BALTIMORE CO.	
		DIRECTOR, TRAFFIC & SAFETY	



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNAL PLAN
MD 45 AT INDUSTRY LANE
COCKEYSVILLE, MARYLAND

DRAWN BY:	L.M.	F.A.P. NO.	N/A	TS NO.	2555A
CHECKED BY:	T.H.	S.H.A. NO.	N/A	T.I.M.S. NO.	G739
SCALE:	1" = 20'	COUNTY:	BALTIMORE	LOG MILE:	03004507.00
DATE:	MARCH, 2005				

SHEET NO.
1 OF 2